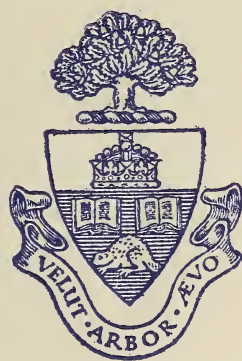


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THE BULLETIN



UNIVERSITY OF TORONTO

DECEMBER, 1949





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COMING EVENTS

WALLBERG MEMORIAL BUILDING

Department of Chemistry

Department of Chemical Engineering

OPENING CEREMONIES AND SCIENTIFIC CONFERENCE

PROGRAM

(The opening ceremonies and all scientific meetings will be held in Room 1035, Wallberg Building.)

THURSDAY, DECEMBER 1st

9.30 a.m.—DR. LOUIS G. LONGSWORTH, Rockefeller Institute of Medical Research—"Moving Boundary Studies on Salts and Proteins."

11.00 a.m.—DR. HENRY GILMAN, Iowa State College—"Some Aspects of Organometallic Compounds."

2.00 p.m.—DR. T. K. SHERWOOD, Massachusetts Institute of Technology—"The Relationships between Heat Transfer, Mass Transfer and Fluid Friction in Turbulent Flow."

3.30 p.m.—DR. A. P. COLBURN, University of Delaware—"Azeotropic and Extractive Distillation."

FRIDAY, DECEMBER 2nd

3.00 p.m.—His Excellency the Governor-General of Canada will formally open the Wallberg Memorial Building. (Guests are requested to be in their places by 2.45 p.m.; because of the limited accommodation, priority must be given to those holding tickets of admission.)

SATURDAY, DECEMBER 3rd

9.30 a.m.—DR. G. G. BROWN, University of Michigan—"Equilibrium Relationships of Complex Hydrocarbon Systems."

11.00 a.m.—DR. F. S. DANTON, St. Catharine's College, Cambridge University—"Rates, Heats, and Entropies of Polymerisation."

The Defence Research Board will meet on Thursday, December 1st, at 9.30 a.m. in the Board Room, Simcoe Hall.

The National Research Council will meet on Friday, December 2nd, at 9.30 a.m. in the Senate Chamber, Simcoe Hall.

THURSDAY, DECEMBER 1st

School of Graduate Studies, Department of Zoology—"Some Problems in Photobiology." Dr. Harold F. Blum, National Cancer Institute (U.S.A.) and Princeton University. Room 101, Biological Building. 5 P.M.

Tuesday, Nov. 29—"Ultraviolet Radiation and Cancer"

Wednesday, Nov. 30—"Ultraviolet Radiation and Cell Division"

Thursday, Dec. 1—"Photodynamic Action (photosensitized oxidation)"

Friday, Dec. 2—"Photo-orientation and the 'Tropism' Theory."

Hart House Theatre—Robertson Davies' "Fortune My Foe"—a Hart House Theatre Production; directed by Robert Gill. Nov. 26 to Dec. 3, inclusive. 8.30 P.M.

University Health Service—Discussion Group on Mental Hygiene. "Effective Study and Work Habits." Dr. W. Line. Lecture Theatre, Toronto Psychiatric Hospital. 8 P.M.

Royal Ontario Museum—"The Arts in 17th Century England" course. "Milton and His Time." Northrop Frye. 8 P.M.

Royal Conservatory of Music of Toronto—Goethe Bicentennial program. Speaker, Professor Barker Fairley. Elizabeth Benson Guy, Mary Morrison, Louise Roy and Andrew MacMillan will sing representative settings of Goethe lyrics by Schubert, Beethoven and Wolf. Concert Hall. 8.15 P.M.

Score Study Lecture series. "Howard Hanson's *Symphony No. 3*." Dr. Ettore Mazzoleni. Concert Hall. 3 P.M.

Academy of Medicine—Stated Meeting. "The Hemorrhages of the Female Organs." Dr. Léon Gérin-Lajoie, Professor of Gynaecology, University of Montreal. O.C.E. auditorium. 8.30 P.M. Dinner at York Club, 6.45 P.M.

Engineering Institute of Canada—"This Business of Engineering." Joseph M. Breen, President and General Manager, Canada Cement Co. Ltd. Room 22, Mining Building. 8.15 P.M.

FRIDAY, DECEMBER 2nd

School of Graduate Studies, Department of Chemistry—"Some Aspects of Carbohydrate Chemistry." Dr. E. V. White, University of British Columbia. Room 24, Old Wing, Chemistry Building. (Please enter by north door.) 10 A.M.

Royal Ontario Museum—Victoria College Glee Club Concert. (Also Dec. 3.) Theatre. 8 P.M.

Society of Friends meeting. "The Place of Religion in the Life of Man." T. F. McIlwraith. Room 64. 8 P.M.

SATURDAY, DECEMBER 3rd

Royal Ontario Museum—

Winter Museum Club meeting. 10 A.M.

Junior Field Naturalists' Club meeting. 10 A.M.

Toronto Music Lovers' Club Musicale—String Trio, Norah de Kresz, Geza de Kresz and Boris Hambourg. 3.15 P.M.

Royal Canadian Institute—"Sun Spots." Dr. E. C. Bullard. Convocation Hall. 8.15 P.M.

SUNDAY, DECEMBER 4th

The Art Gallery of Toronto—Lecture by Sidney Key, Curator. 3 P.M.

MONDAY, DECEMBER 5th

Organ Recital—Christmas and Advent music. Dr. Healey Willan, University Organist. Convocation Hall. 5 P.M.

Royal Ontario Museum—"The Canadian House" course. "Early Textiles of Ontario." Mrs. K. B. Brett. Room 64. 8 P.M.

Toronto Field Naturalists' Club meeting. Theatre. 8 P.M.

Hart House Theatre—"The Red Mill" by Victor Herbert. University College Music Club. Through Dec. 7. 8.30 P.M.

TUESDAY, DECEMBER 6th

Royal Ontario Museum—"Mediaeval Life and Art" course. "Drama—Miracle and Morality Plays." Ella N. Martin. Room 64. 2.30 P.M.

Royal Astronomical Society of Canada—"The Trials of Galileo." Arthur R. Clute, President of the Toronto Centre. Room 132, McLennan Laboratory. 8 P.M.
(The annual meeting of the Toronto Centre will follow.)

WEDNESDAY, DECEMBER 7th

Royal Conservatory of Music of Toronto—Wednesday Five O'Clock. Parlow String Quartet. Concert Hall.

The Art Gallery of Toronto—Open Night. Discussion and picture analysis by Stephen Vickers. Film: "Carmen" and "Papageno." Demonstration in sculpture by Donald Stewart. Conducted tours. 8 P.M.

THURSDAY, DECEMBER 8th

Royal Ontario Museum—"The Arts in 17th Century England" course. "Drama." Northrop Frye. Room 64. 8 P.M.

"Apple of His Eye." The Midland Players. Through Dec. 10. Theatre. 8.30 P.M.

Royal Conservatory of Music of Toronto—Score Study Lecture series. "Bizet's *Carmen*." Dr. Arnold Walter. Concert Hall. 3 P.M.

Advanced Grades Recital and presentation of medals and prizes. Concert Hall. 8.15 P.M.

American Institute of Electrical Engineers—Speaker, Mr. Matthyse, Burndy Canada Ltd. Room 21, Electrical Building. 8.15 P.M.

FRIDAY, DECEMBER 9th

Hart House Theatre—"Dentantics." (Also Dec. 10.) 8.30 P.M.

Senior Hockey—University of Montreal at Varsity. 8.30 P.M.

SATURDAY, DECEMBER 10th

Royal Canadian Institute—"Atomic Energy—Today and Tomorrow." Dr. D.A. Keys, Vice-President (Scientific), National Research Council, in charge of Atomic Energy Project, Chalk River. Convocation Hall. 8.15 P.M.

Royal Ontario Museum—Films for children; sponsored by Junior League. Theatre. 2 P.M.

Royal Conservatory of Music of Toronto—Student Council Recital of chamber music, including several new works which have had their premieres at recent Composers' Workshop meetings. Concert Hall. 3 P.M.

Basketball—Albion College at Varsity. 8.30 P.M.

SUNDAY, DECEMBER 11th

The Art Gallery of Toronto—Lecture by Martin Baldwin, Director. 3 P.M.

MONDAY, DECEMBER 12th

Royal Ontario Museum—"The Canadian House" course. "Canadian Silver." F. St. G. Spendlove. Room 64. 8 P.M.

Hart House Theatre—"Daffydil" Night. Through Dec. 15. 8.30 P.M.

TUESDAY, DECEMBER 13th

Department of Mathematics—Colloquium. "Simple Groups." R. G. Stanton. Room 12, U.C. 4.15 P.M.

Royal Ontario Museum—Toronto Aquarium Society meeting. Room 64. 8 P.M.

WEDNESDAY, DECEMBER 14th

School of Social Work—"Research in Social Work: Luxury or Necessity?" Professor John S. Morgan. Room 153, Economics Building. 4 P.M.

The Art Gallery of Toronto—Open Night. Films: "Il Paradiso Terrestre" (Bosch) and "Racconto da un Affresco" (Giotto). Try your hand at painting Christmas still life. Conducted tours. 8 P.M.

THURSDAY, DECEMBER 15th

Royal Ontario Museum—"The Arts in 17th Century England" course. "Architecture." Eric Arthur. Room 64. 8 P.M.

Royal Conservatory of Music of Toronto—Score Study Lecture series. "John Weinzwieg's *The Red Ear of Corn*." John Weinzwieg. Concert Hall. 3 P.M.
Senior School Recital by Andrew Benac, violinist. Concert Hall. 8.15 P.M.

FRIDAY, DECEMBER 16th

Ontario Society of Biologists—Meeting in Room 203, Botany Building. 8 P.M.

SATURDAY, DECEMBER 17th

Royal Canadian Institute—"A Vitamin for Energy." Dr. E. W. McHenry. Convocation Hall 8.15 P.M.

Royal Ontario Museum—Films for children, sponsored by Junior League. Theatre. 2 P.M.

Royal Conservatory of Music of Toronto—Sonata Recital by Hillel Diamond, violinist, and Tova Boroditsky, pianist. Concert Hall. 8.15 P.M.

SUNDAY, DECEMBER 18th

The Art Gallery of Toronto—Program of Christmas music by the Choir of Grace Church-on-the-Hill. 3 P.M.

MONDAY, DECEMBER 19th

Royal Ontario Museum—"The Canadian House" course. "Social Life in Early Ontario." Ella N. Martin. Room 64. 8 P.M.

Hart House Theatre—"The Incomparable Mr. Pickwick." Dickens Fellowship Players. (Also Dec. 20.) 8.30 P.M.

EXHIBITIONS

ROYAL ONTARIO MUSEUM

Special exhibition of early Ontario Weaving by Samuel Fry, Moses Grobb and Abraham Nash of the Niagara Peninsula continues through December 11. Royal Ontario Museum of Archaeology, Main Floor.

THE ART GALLERY OF TORONTO

The exhibition, "Collectors' Treasures," arranged by the Women's Committee, continues through December 11.

The "Contemporary Art from United Kingdom, United States and France" exhibition continues until December 26.

NEWS ITEMS

Honours Received

Dean Cecil A. Wright recently received the honorary degree of Doctor of Laws from the University of British Columbia, and took part in a symposium there on legal education.

Miss Kathleen Russell was presented with the Florence Nightingale Medal by the International Committee of the Red Cross at a luncheon meeting of the Central Council on November 10. This is the highest honour awarded to a member of the nursing profession and is only the fifth ever given to a Canadian.

Professor Homer A. Thompson was given an honorary degree in October by the University of British Columbia.

Dr. S. A. MacGregor has been made a fellow of the International College of Dentists in recognition of his outstanding contribution in the field of Pedodontia.

Officers Named

Professor J. M. S. Careless has been appointed Canadian editor of the Book of Knowledge.

Professor Gerard Brett was elected first vice-president of the Canadian Museums Association, and Dr. L. S. Russell, councillor, at the October meeting held in Ottawa. Paul Rainville, director of the Quebec Museum was elected president.

Professor T. F. McIlwraith was elected chairman of the Canadian Social Science Research Council at its annual meeting early in November.

Professor D. H. Hamly has accepted the nomination as a Canadian member of a sub-committee on crude drugs of the British Pharmacopœia Commission.

Professor Charles E. Hendry has been appointed for a three-year period to the Committee on Citizen Participation set up by the Community Chests and Councils of America and the National Social Welfare Assembly.

Professor W. G. McIntosh has been named chairman of the Advisory Committee of the School of Mechanical and Industrial Technology of the Ryerson Institute of Technology.

Conferences

Professor A. R. Gordon attended the joint meeting of the American Association of Universities and the Association of Graduate Schools in October at the University of Wisconsin, Madison.

Miss Helen Reynar represented the Royal Ontario Museum at the Canadian Museums Association meeting held in Ottawa on October 15.

Miss Helen E. Fernald attended the Far Eastern Ceramic Group (of America) meeting in Philadelphia on November 19 in connection with the exhibition of Ming Blue and White Chinese Porcelains.

Papers were presented by J. L. Baillie on "Canada's First Ornithologist" and by C. E. Hope on "The Expedition to Cape Henrietta Maria, Ontario" at the American Ornithologists' Union's annual meeting held recently in Buffalo.

Professor G. Gordon Brown and E. S. Carpenter attended the annual meeting of the American Anthropological Association in New York City in November.

Dr. S. A. MacGregor attended the Ohio State Dental Convention in Columbus on November 14 and 15.

Drs. C. E. Aho, P. W. Arkle, D. H. J. MacDonald, and M. N. Rockman attended the 8th Annual Review Meeting, Detroit District Dental Society on November 3.

Professor Albert Rose addressed the National Citizens' Planning Conference of the Community Planning Association of Canada in Winnipeg on October 7, on the subject, "Administrative Problems in Canadian Metropolitan Areas."

Professor D. H. Hamly attended the meetings of the Optical Society of America, at Buffalo, on October 27 and 28.

Professor George Sinclair and W. J. Surtees attended the fall meetings of the United Radio Scientific International in Washington, D.C. Professor Sinclair presented a paper entitled, "The Transmission and Reception of Elliptically Polarized Waves." Professor Sinclair also attended a meeting of the Institute of Radio Engineers' Wave Propagation Committee in New York in October. He was elected chairman of a sub-committee to prepare definitions of terms for the I.R.E. Standards on Wave Propagation.

Professor P. M. Corbett attended the meeting of the Canadian Ceramic Society held in Montreal, October 31.

Mr. W. S. Wilson attended the annual meeting of the Engineers' Council for Professional Development in Chicago in October. He was recently appointed the representative of the Engineering Institute of Canada on the E.C.P.D. Committee on Engineering Schools.

The following members of University College staff will attend learned society meetings in December: Professor M. D. C. Tait will attend the American Philological Association's meeting in Baltimore; Professor C. W. Dunn will read a paper to the American Folk-Lore Society at its meeting in Washington, December 28-29; Professor F. V. Winnett will attend the meeting of the Society of Biblical Literature and Exegesis to be held in Cincinnati, December 28-30.

Professor W. C. Macdonald plans to attend the American Institute of Chemical Engineers' 42nd annual meeting in Pittsburgh, December 4-7.

Staff Notes

Dr. V. B. Meen delivered the presidential address at the opening meeting of the Royal Canadian Institute on November 5 on the subject, "Mineralogy—a Science and a Hobby," illustrated by colour slides and demonstrations.

Dr. F. A. Urquhart visited the Collingwood Museum on November 7-10 as consultant in local museum problems.

J. L. Baillie acted as field representative for Canada during a visit to Point Pelee by the National Audubon Society.

Kenneth E. Kidd addressed the Lundy's Lane Historical Society on October 28 on "Reconstructing Ontario's Pre-History."

Dr. Madeleine A. Fritz addressed the Hamilton Nature Club on October 3, on the subject, "Through the Ages to Primitive Man."

R. L. Peterson recently addressed a meeting of the International Association of Game Fish and Conservation Commissioners in Winnipeg, on "Management of Moose."

Extramural lectures were given in November before dental societies by Dr. F. T. Pearson at Chatham and Oshawa, Dr. D. M. Tanner at Owen Sound, and Dr. S. A. MacGregor at London.

Miss Zerada Slack was the speaker at the Women's Division, McGill Graduate Society's meeting on November 10, on the subject, "Health is Everyone's Business."

Professor Robert A. Rosevear and David Ouchterlony were adjudicators in the instrumental classes at the Guelph Kiwanis Music Festival in November.

R. O. King lectured on "The Oxidation, Ignition and Detonation of Fuel Vapors and Gases" at the Esso Research Centre of the Standard Oil Development Co., Elizabeth, N.J., on October 18.

Dr. R. F. Cain organized a three day Foray for the American Bryological Society, in the Manitoulin District, during the past summer.

Professor H. M. Cassidy has been granted three months' leave of absence to accept an appointment by the United Nations as Consultant on social welfare to the Government of Egypt, and expects to be away from December 15 to March 15.

Professor C. E. Hendry attended a luncheon in Washington, D.C., organized by the National Conference of Christians and Jews in honour of the President of the United States, on November 11.

Professor Alan F. Klein took part in the second annual training course for Municipal Recreation Directors held at London, Ontario, in November under the sponsorship of the University of Western Ontario in co-operation with the Community Programmes Branch of the Department of Education.

Sydney Katz is giving a series of talks entitled "Sydney Katz reports. . ." over the trans-Canada network of the C.B.C. on Tuesday evenings at 7.30 standard time, from November 15 to January 3, inclusive. The series deals with social case work in a variety of settings.

Professor Richard Johnston is commentator for the C.B.C.'s new Sunday evening "Makers of Music" recital series.

Faculty and Department Notes

Dr. W. E. Swinton of the British Museum (Natural History) visited the Royal Ontario Museum in October. Dr. Swinton addressed the staff and graduate students of the Department of Geological Sciences on "Geological Training in the United Kingdom."

At a seminar in the Department of Physics on November 24, Professor L. Infeld spoke on "Possible Structure of the Universe." On November 10 Professor John Satterly lectured on "The Newcastle Meeting of the B.A.A.S." and J. Katz's subject was "Electronic Computers."

A well-attended conference on Dental Public Health services took place in the Faculty of Dentistry in November, at which time Dr. Harold Hillenbrand, Secretary of the American Dental Association spoke on Dental Public Health in the United States. In addition to members of the dental staff, Dr. R. D. Defries, Dr. E. W. McHenry and D. B. W. Reid contributed to the program.

The Department of Physical Education for Women repeated their swimming performance, "Dawn to Darkness," under the direction of Miss Winifred Baxter, in Humberstone Pool on November 8 for the benefit of secondary school students.

R. W. March of the University of Bristol and the Long Ashton Agricultural and Horticultural Research Station, delivered two lectures on November 24 and 25 to graduate students in Botany on "Some biological aspects of fungicidal action," and "Some problems in the control of the apple scab fungus *Venturia inaequalis*."

Third and fourth year students in Biology spent two weeks in field work immediately preceding the opening of the current term, under the supervision of staff members of the departments of Botany and Zoology.

The Graduation Exercises of the Royal Conservatory of Music of Toronto were held in Convocation Hall on November 2, when the special guest speaker was Dr. Wilfrid Pelletier, Quebec-born conductor and Director of the Conservatoire of Quebec Province.

School of Social Work second year students and faculty members made trips in November to Halton County, Simcoe County and St. Catharines and observed care of the aged in a rural county, child welfare in a rural county and a lively community recreation program at work.

Recent seminars at the David Dunlap Observatory have included: "The development of fast cameras for astronomical photography" by Dr. P. M. Millman of the Dominion Observatory, Ottawa, on October 26; "Remarks on radio-frequency radiation and the solar corona" by Professor R. E. Williamson, on November 16; and "The infrared solar spectrum" by Professor Leo Goldberg, Director of the University of Michigan Observatory, on November 23. On December 7 W. R. Hossack will discuss "Isotopes of Carbon in the cool stars."

Promotions, Appointments

In the Faculty of Arts, T. A. Goudge has been promoted to the rank of professor in Philosophy. D. C. Williams has returned here from the University of Manitoba

as Professor in Psychology to do work under the Mental Health Training Programme.

In University College, C. D. Rouillard has been promoted to the rank of professor of French, and C. W. Dunn has been promoted to assistant professor of English.

In the School of Hygiene, Edith M. Taylor has been promoted to assistant professor in Department of Chemistry in Relation to Hygiene; W. J. McGanity to lecturer in Public Health Nutrition. New appointments include: Dr. C. E. A. Robinson as Associate in Public Health Administration; Dr. A. F. Graham, Associate in Virus Infections; Dr. Ella Kuitunen, Associate in Parasitology and Dr. D. C. Smith, Special Lecturer in Public Health Administration.

The Library

New titles added to the periodical index in the Library, since October 15 (by subscription):

Archiv für Fischereiwissenschaft.

Astrophysica norvegica.

Australian dental mirror.

British national bibliography.

Dental gazette.

Hermitage state museum, Leningrad.

(Leningrad. Gosudarstvennyi Ermitazh)

Otdel istorii kul'tury i iskusstva Vostoka.

Indian phytopathology.

Mouth mirror.

Osaka. Mathematical journal.

Pagine nuove di scienza arte letteratura nel mondo.

Pennsylvania dental journal.

South Africa. Parliament. House of Assembly debates.

Stoma. (Supplement to Zahnärztliche Welt.)

Texas dental journal.

Yorkshire bulletin of economic and social research.

Zahnärztliche Welt.

Royal Canadian Institute exchanges recently added to the university library catalogue:

Musée royal d'histoire naturelle de Belgique. Mémoires: hors série.

Nederlandsche botanische vereeniging. Nederlandsch kruidkundig archief.

Nederlandsche botanische vereeniging. Recueil des travaux botaniques néerlandais.

Queckett microscopical club. Journal.

Queensland geographical journal.

Vetenskaps-societeten i Upsala. Arsbok.

Vetenskaps-societeten i Upsala. Nova acta.

Wisconsin academy of sciences, arts and letters. Transactions.

Ymer.

The University of Toronto Press

Recent publications include the following:

Tensor Calculus, by J. L. Synge and A. Schild (\$4.00).

The Variational Principles of Mechanics, by Cornelius Lanczos (\$5.75).

Keats, A Bibliography and Reference Guide with an Essay on Keats' Reputation, by J. R. MacGillivray (\$5.00).

The Mechanics of Environmental Control of Body Form in Fishes, by W. R. Martin, Publication No. 58 of the Ontario Fisheries Research Laboratory.

The Canadian Historical Review (September, 1949).

The University of Toronto Quarterly (October, 1949).

Other Books Published

Introducing the Insect, by F. A. Urquhart, illustrated by E. B. S. Logier (Clarke, Irwin, \$5.00).

Progress in Metal Physics (first volume in series) edited by Bruce Chalmers (Butterworths Scientific Publications, London).

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